

MODULAR SELF SERVE CARWASH EQUIPMENT

COMPACT, INNOVATIVE, ENERGY EFFICIENT & EASY TO MAINTAIN



REVERSE OSMOSIS (RO)

Reverse Osmosis, also known as hyper filtration, is the finest water filtration system known. It is the process of removing Total Dissolved Solids (TDS), with particles as small as ions, from the water supply.

Reverse Osmosis uses a membrane that is semi-permeable, allowing the fluid being purified to pass through it, while rejecting the contaminants that remain. The water is then stored in a tank and used for the final 'Spot Free' rinse option in the self serve carwash bay.

This means not having to use a chamois to dry the car as the purity of the water allows it to dry naturally without spotting.



Rear view

AUSTRALIAN DESIGNED AND MANUFACTURED BY CARWASH OWNERS, FOR CARWASH OWNERS WITH LOCAL SUPPORT AND PARTS.

SPECIFICATIONS

Capacity	Suitable for	Weight	Dimensions
3600 GPD	Up to 1 x Auto and Self Serve	135 kg	920mm W x 550mm D x 185mm H
5400 GPD	Up to 2 x Auto and Self Serve	150 kg	
7200 GPD	Up to 3 x Auto and Self Serve	160 kg	

Please note: Weight and dimensions are approximate as a reference for minimum clearance and space required.

Electrical requirements

16 AMP 3 Phase + Neutral supply

(Neutral required for on board 230V-24VAC transformer supplying 24VAC control circuit)

* AUS electrical components

FEATURES

Available in 3600, 5400 or 7200 GPD (Gallons Per Day)

Produces spot free water using RO process

Autonomous control using Schneider Electrics – Zelio controller

Backflush at the end of each cycle to increase membrane life

Low water pressure cut-off with audible alarm

Manual test function to operate and test system

Brackish water RO system using brackish water membranes

Dow Filmtec™ membranes

Fibreglass membrane housings

Lowara multi-stage 3 phase centrifugal pump

Permeate flow meter 0.5 to 20 LPM (Litres Per Minute)

Concentrate flow meter 1 to 40 LPM

Big Blue 25:1 micron pre-filter

0 – 100 psi pressure gauge on either side of pre-filter

0 – 400 psi pressure gauge on pump outlet

DEMA inlet solenoid valve 24V AC 50Hz

DEMA and GC flush solenoid valves 24V 50Hz

Storage tank tear drop electronic float switches 24V 50Hz

Carbon pre-filter with electronic head to remove incoming chlorine

Ability to recycle wastewater to on-site pressure system

Pocket electronic T.D.S (Total Dissolved Solids) meter supplied

Chlorine test kit supplied

Free standing design on stainless steel frame

Can be ordered stand alone or as an integrated system with the iWash pump stand



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